

Pedigree confirmed by markers

Prime name: **GRAND NOIR N**

Variety number VIVC: **5012**

Note: Several parentage hypotheses exist. They are given below. Analysis of additional nSSR or SNP markers or other proofs are needed to determine the correct parentage.

Prime name of pedigree parent 1: GRACIANO N Prime name of pedigree parent 2: BOUSCHET PETIT N		
Source of SSR-marker data		
Source code	Bibliography	Number of loci analysed
40089	CABEZAS, J.A.; CERVERA, M.T.; ARROYO-GARCIA, R.; ICANEZ, J.; RODRIGEZ-TORRES, U.; BORREGO, J.; CABELLO, J.; MARTINEZ-ZAPATER, J.M. Garnacha and Garnacha Tintorera: Genetic relationship and the origin of Teinturier varieties cultivated in Spain American Journal of Enology and Viticulture 54 (4) 237-245 2003	12
40895	D'ONOFRIO, C.; TUMINO, G.; GARDIMAN, M.; CRESPIAN, M.; BIGNAMI, C.; DE PALMA, L.; BARBAGALLO, M. G.; MUGANU, M.; MORCIA, C.; NOVELLO, V.; SCHNEIDER, A.; TERZI, V. Parentage Atlas of Italian Grapevine Varieties as Inferred From SNP Genotyping Frontiers in Plant Science (11) 16 pp. 2021 https://doi.org/10.3389/fpls.2020.605934	
40306	LACOMBE, T.; BOURSQUOT, J.M.; LAUCOU, V.; DI VECCHI-STARAZ, M.; PEROS, J.P.; THIS, P. Large-scale parentage analysis in an extended set of grapevine cultivars (<i>Vitis vinifera</i> L.) Theoretical Applied Genetics 126 (2) 401-414 2013 https://doi.org/10.1007/s00122-012-1988-2	20
1083	LAUCOU, V.; LAUNAY, A.; BACILIERI, R.; LACOMBE, T.; ADAM-BLONDON, A. F.; BERARD, A.; CHAUVEAU, A.; ANDRES, M. T. DE; HAUSMANN, L.; IBANEZ, J.; PASLIER, M. C. LE; MAGHRADZE, D.; MARTINEZ-ZAPATER, J. M.; MAUL, E.; PONNAIAH, M.; TÖPFER, R.; PEROS, J. P.; BOURSQUOT Extended diversity analysis of cultivated grapevine <i>Vitis vinifera</i> with 10K genome-wide SNPs PLoS one, 13 (2) e0192540 1-27 2018 https://dx.doi.org/10.1371/journal.pone.0192540	

Prime name of pedigree parent 1: **GRACIANO N**
Prime name of pedigree parent 2: ?

Source of SSR-marker data

Source code	Bibliography	Number of loci analysed
40845	LOVICU, G. AKINAS. Uve di Sardegna Poliedro 2017	22